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SEQUENCE LISTING
<110> Smith, John Craig
<120> DIAGNOSTIC METHOD
<130> 06275-276002
<140> US 10/621,116
<141> 2003-07-16
<150> US 09/778,900
<151> 2001-02-08
<150> GB 0004232.5
<151> 2000-02-24
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<213> Homo sapiens
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ctgttggccc atatgtaata tatattcctg cttatacaag atggccatgg gaagttattt
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ttagtcattg tttggaatga ctttataaaa atgctttgca ttttttagca agaccatcat
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ataattgttt aagatcaagt acaacacata aggtcactgg agaatttgag tgcatgttat
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ccaagatagg atggtagagc tcacattaca gaaatgtagt gtgggaatag taaggagtcg
                                                                       300
tttaatagaa attgcacacc taagtgtgat gagtgtatgt gaatgtggag aagtactttc
                                                                       360
tgcacctggc cacacagttt caaccaaatg atcccnaaat aaaacagtgg atgttaacgg
                                                                       420
aatatctagg atttgtaaag ttgttttctt ctcgatgact ttgagatctc tttatttctc
                                                                       480
agtottotto tgaaataaag actgactaco tatcaattat aatggaccca gatgaagtto
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ctttggatga gcagtgtgag cggctccctt atgatgccag caagtgggag tttgcccggg
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agagacttaa actgggtaag atatttgttc aacagattca taaacctata ctgagcacat
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attacatgaa aaacactgtg ctttgagaga tgcgaaagta aactagacct gggattctac
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cctccagctg ctcacagact agcaagggag atggacacaa aagtaaataa ttccaatgca
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atgctcagat aacagtacaa ggtgacacgc agcacctgtt tgttcttgca acagttatta
                                                                       840
ggcaccttct ctgagcagca gacactggtc taagccctgg agacacaaag gtgcttgcat
                                                                       900
ctcttccctc aaagggctca gtctggagat aggtgcaaaa gtggtaagtg aaggggggg
                                                                       960
gagagagagg cattacaagt acacgcacgc ttcataatga aactgttgag ggattagaaa
                                                                      1020
tatgtgatcc agaacataat tgagggtggc aaggaacagt gaaatcaaca ttc
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<211> 1480
<212> DNA
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<213> Homo sapiens

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aacaagaaat gnacctaaag cttttaatat accagctcac acagagtaag cattcagtaa
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atacccacca ctcttaattt tttttttta tctgatctaa gatgctgtct agaagcccag
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gcaagagcac aatagactct gcaactccag aggtagtcag gctcctggac accgtagggc
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ccctgtgcta gttcacgatc cattttgaga agtgaaacgc tctcatttct catcaggcna
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ttgccagttg agggactggt ttcccnctgc tgtgctggag ctccttttca cctgggtcct
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tttcggtctc ttcaaaggat gcagcactac acatggagcc taagaaagaa aaaatggagc
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caggcctgga acaaggcaag aaaccaagac tagatagcgt caccagcagc qaaaqctttq
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gaggagataa gatttgaatt aagataattt acagagttac taattttgac aqqqaactgt
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accepttttct cccctcaggg attttcatct taatggatca tccccctqcc cccatqcttq
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ttaaaaatga actctgatct acttgttggt ttgttttatg ttttgctaac attgttccaa
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taaactggga tttggtggga taacaagagc cattacaaac agttacggtt ctaatgcttt
                                                                       1020
ccagattctg acggtttcta caaggagccc atcactatgg aagatctgat ttcttacagt
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tttcaagtgg ccagaggcat ggagttcctg tcttccagaa aggtcagtct tgctgtttac
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tgtttttctt ctctgccagg gctggacaca cacctttgct ataaattcat ttttcctagt
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atttgctgat acctatgttc ttaaatgtag aacaaacacc actgcaagtg ccttaatttg
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ccttgatatg aggagttttg agaatgagga gtcatggata ccagtggata gaacttaatt
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ctggggaaaa ctcacaggtt tcagactaga caaacctggc atcggctctc cacagtatcc
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tetggeatat titeaaatet ggeecaaate teagaagaea tgaetteata ggagagetae
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ggtgttctct atgttaggaa accagagctg ctctcggaaa tgatttatag gccgtatgtt
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atctgggagg tgaccccatg gacactcggg ttgaatgtgc tttgttttca tgcccttctg
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ctcaaggccc ccttgccctc ttctagactc gacttcctct gaaatggatg gctcctgaat
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ctatctttga caaaatctac agcaccaaga gcgacgtgtg gtcttacgga gtattgctgt
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gggaaatett eteettaggt aaatttggga gaaggaagaa ateaaacage eeagaaataa
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atgtctgcat cttctgctga atgtcctttg gttggacagc ctttagatta gaacctactg
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taacaaaaaa ctcttaaagt gtaatgggcc catgtagact ctcagatgag taatggcgta
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cgcatgtctg ccctctactg taaaagggct ttatatgatc atgaacaagg tcagaacaag
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gtcatgtaaa agggctttat acgatcatga acaagggtat aaagtctgaa gcaaagtact
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ttttctgtac tttgccaatt ctgccttttc aattcctcaa cacccacacc tctaatgccc
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ttaccq
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<213> Homo sapiens
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agtgctggtg ctataaaccc aaacctaaaa atgaagcagg gtcacatagt acagaaagct
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tgggctttat gcggatgatg acagccctcc ctttgtagta cgtaaggcaa tgcataggat
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gatcactgct ctccaactat ttctgttgct gttttcccca ccagctatca gatcatgctg
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gactgctggc acagagaccc aaaagaaagg ccaagatttg cagaacttgt ggaaaaacta
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ggtgatttgc ttcaagcaaa tgtacaacag gtaaaactaa atttatctac atcaaaatgc
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ctttgaatgt acgtcagggg ggcattttat ttgttttttt tttaagagct attaatataa
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tagctgagat cagaagttta aaaaaagggt gtgtgtgtgt gtatacagaa ttatcttctc
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aaaacacaac caagattgtg gcaaatgaca tagtcaaagt tgacataatg gttcatagaa
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attgttgaag tcagaattgg tgcaacgaga gctctacctt tggtatttta ggatggtaaa
                                                                       660
gactacatcc caatcaatgc catactgaca ggaaatagtg ggtttacata ctcaactcct
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gccttctctg aggacttctt caaggaaagt atttcagctc cgaagtttaa ttcaggaagc
                                                                       780
tctgatgatg tcaggtaaga tttctttctc aaactttata tcacagaatt ttccaacaaa
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aaaaagaaag aaagaaagac gaaagagaaa gaaagacnga aagagagaaa gaaagagaga
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aagaaagaaa gagagaaaga aagaaagaaa gattatgttg atcaccaccc atatgcccat
                                                                       960
cccctaaatt caactgttaa cattttgccc tattttgtct attatactct ctatgattgt
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gtttgttacg gatttttctt tttgccaaac catttaaaag gaggcttaaa gcataatagc
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actttactcc taaatacttt agtatacatt ttgtaagaag gctattgttg ctgggcacag
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tggctcgtgc ctgtaatcgc agcactttgg gagactgagg tgggaggatc acttgagcct
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aggagttcaa aatctgcctc ggcaacatag agagacctca tcttactaaa aatttaaaaa
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ttagccgggt gtggtggtgg gcacctgtag tcccagctac tcaggaggct gaggttggag
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gatcacttga gcccaggaga tggaggctgc ag
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atacaageet ggeactagea etegattatg eeattaaata atatttagee gtgtageeat
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gccaggtcac tttgccacct cacatccttt tcagagcacc tgataaagtc ataccacttc
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cetgeacate atttetetee tgtgeeattg ggeacteaga egagatgatg cetecagtet
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ctcctacgtc tggcattctc tgatttcaca acggaccaga gtaggtccct ctgggagttt
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cctcaaccct acagaatgtg aattgacaac cacgggaggc agtggcaatg ctgtcaggat
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teccaggggt caeggeggg agategggge etcaggagtt aggtgattee tgttggtgtg
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ttggttcatc ttagctggga tatggtgcct gtggtctcct gactcattag agctggatgc
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cttttcctgt cttgataatt ctttctgttt cttcattaga tatgtaaatg ctttcaagtt
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catgageetg gaaagaatea aaacetttga agaaetttta eegaatgeea eeteeatgtt
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tgatgtaagt cgtgaagtta aggtacctag tgcactccga tagacccctt cttcagatcc
                                                                       720
cttccaaaca ccaacgccag taatgtagta gttcttggtc agtgagggtc tggattcagg
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agtggctgaa atgacagtgt ggggaggact gacaactaga cctagctgtg cagaactaat
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ttgaaagtag agttccatgc actcactcca ggacccaagt ccctgcgtgg taggaattta
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, A ...

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<210> 12 <211> 31						

, a) A)

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<213> Homo sapiens		
•	•	
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VZ137 Nomo Sapiens		
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2010. 14		
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- System of the second of the	33	
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	44	
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NEILS DIAG		
	•	

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                                                                       120
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										7						
gac	tctg	gcg o cc at Me	gccgq tg gt	ggtcq tc aq	gt to gc to	ggcc ac to yr Ti	gg ga	g ago ac ao	egege	ggca gg gi	ccgo tc ct al Le	ggcga	agc a	agge	aggacg cgcgtc cg ctg la Leu	180 240 291
ctc Leu 15	agc Ser	tgt Cys	ctg Leu	ctt Leu	ctc Leu 20	aca Thr	gga Gly	tct Ser	agt Ser	tca Ser 25	ggt Gly	tca Ser	aaa Lys	tta Leu	aaa Lys 30	339
gat Asp	cct Pro	gaa Glu	ctg Leu	agt Ser 35	tta Leu	aaa Lys	ggc Gly	acc Thr	cag Gln 40	cac His	atc Ile	atg Met	caa Gln	gca Ala 45	ggc	387
	aca Thr															435
ttg Leu	cct Pro	gaa Glu 65	atg Met	gtg Val	agt Ser	aag Lys	gaa Glu 70	agc Ser	gaa Glu	agg Arg	ctg Leu	agc Ser 75	ata Ile	act Thr	aaa Lys	483
tct Ser	gcc Ala 80	tgt Cys	gga Gly	aga Arg	aat Asn	ggc Gly 85	aaa Lys	caa Gln	ttc Phe	tgc Cys	agt Ser 90	act Thr	tta Leu	acc Thr	ttg Leu	531
	aca Thr															579
	gta Val															627
	att Ile															675
ccc Pro	gaa Glu	att Ile 145	ata Ile	cac His	atg Met	act Thr	gaa Glu 150	gga Gly	agg Arg	gag Glu	ctc Leu	gtc Val 155	att Ile	ccc Pro	tgc Cys	723
	gtt Val 160															771
	act Thr															819
ggc Gly	ttc Phe	atc Ile	ata Ile	tca Ser 195	aat Asn	gca Ala	acg Thr	tac Tyr	aaa Lys 200	gaa Glu	ata Ile	Gly ggg	ctt Leu	ctg Leu 205	acc Thr	867
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cat His	cga Arg	caa Gln 225	acc Thr	aat Asn	aca Thr	atc Ile	ata Ile 230	gat Asp	gtc Val	caa Gln	ata Ile	agc Ser 235	aca Thr	cca Pro	cgc Arg	963
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ggc Gly	agc Ser	aga Arg	caa Gln 450	atc Ile	ctg Leu	act Thr	tgt Cys	acc Thr 455	gca Ala	tat Tyr	ggt Gly	atc Ile	cct Pro 460	caa Gln	cct Pro	1635
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ata Ile	ata Ile	gaa Glu	gga Gly	aag Lys 515	aat Asn	aag Lys	atg Met	gct Ala	agc Ser 520	acc Thr	ttg Leu	gtt Val	gtg Val	gct Ala 525	gac Asp	1827
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caa Gln	aaa Lys	atg Met	gcc Ala 610	atc Ile	act Thr	aag Lys	gag Glu	cac His 615	tcc Ser	atc Ile	act Thr	ctt Leu	aat Asn 620	ctt Leu	acc Thr	2115
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